

ARCADIS

Cost Estimates¹ for Public Water Supply and Groundwater Treatment Options, Bally Groundwater Contamination Superfund Site,
Bally, Pennsylvania (30-Year Operation & Maintenance)

Remedial Alternative	Description	Capital Cost (\$)	Annual O&M Cost (\$)	Time Frame for Remedial Action (Yrs)	Present Value ² (\$)
Alternative 1	Replacement Supply Well Installation and Operation	\$2,464,000	\$58,000	30	\$3,544,000
Alternative 2	UV/Hydrogen Peroxide Oxidation	\$947,900	\$247,700	30	\$5,561,000

Notes:

1. All costs are based on an accuracy of +50/-30% (USEPA, 2000)
 2. 30-yr Discount Rate of 3.4% based on the 5-yr (2001-2005) average of the Real Treasury Discount Rate (OMB, 2005); based on beginning 30-yr period in 2007
- NA Not Applicable
 O&M Operation and Maintenance
 OMB Office of Management and Budget
 USEPA United States Environmental Protection Agency



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